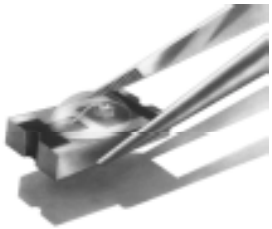
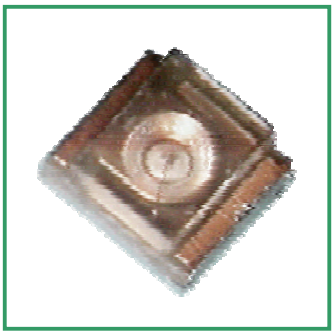
查询EOC-20HD100供应商

ELCOS AG
Electronic Components Support
Luitpoldstr. 6 D-85276 Pfaffenhofen





High Power Chipled - EOC - 20 Series

Preliminary Data

Features

Directive characteristic	110° (optional with lens 40°)
Size	3.2 (L) x 2.8 (W)
Soldering patterns	Gold plated
Technology	AlInGaP, InGaN
Tape & Reel	8 mm blister tape with 2000pcs./reel Ø 180mm or 8000 pcs./reel Ø 330mm
Grouping parameter	sorted into luminous intensity groups, color groups or color coordinates
ESD resistance voltage	up to 2 kV
Assembly methods	Suitable for all SMT assembly methods
Soldering methods	IR reflow soldering and TTW soldering

Applications

Substition of incandescent lamps
Signal and indicators
Marker lights
Indoor and outdoor displays
Backlighting
Interior and exterior automotive lighting

Special features

The SMT LED elements of the EOC-20 series operate from 50 mA to 200 mA:
For optimal use of the EOC-20 SMT LEDs please ask for our special assistance regarding the PCB layout to optimise the thermal management.
Please see the fields of application from the ordering code.
With an optimal thermal management power dissipation up to 1500 mW can be realised.

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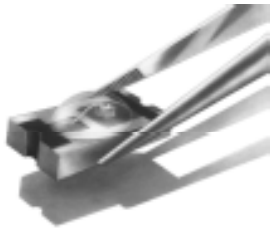

Electro-optical Characteristics

Type	Emission colour	λ_D (nm) colour coordinates	I_F [mA	I_V [mcd] min. typ	Φ_V [mlm] typ.	2 φ [deg.]
EOC-20 UW 50	white	0.32 / 0.33	50	200 - 400	880	110
EOC-20 MW 50	white	0.32 / 0.33	50	600 - 820	1800	110
EOC-20 MB 460 50	blue	460	50	100 - 250	550	110
EOC-20 MB 470 50	blue	470	50	125 - 300	660	110
EOC-20 UG 505 50	green	505	50	210 - 500	1100	110
EOC-20 UG 525 50	green	525	50	210 - 500	1100	110
EOC-20 HYG 50	green	572	50	125 - 220	480	110
EOC-20 HY 50	yellow	590	50	260 - 500	1100	110
EOC-20 SUD 50	orange	605	50	260 - 600	1320	110
EOC-20 HD 50	orange	615	50	260 - 600	1320	110
EOC-20 HSD 50	red	625	50	260 - 500	1100	110
EOC-20 HR 50	red	632	50	140 - 280	610	110
EOC-20 UW 100	white	0.32 / 0.33	100	300 - 600	1320	110
EOC-20 MW 100	white	0.32 / 0.33	100	600 - 1250	2750	110
EOC-20 MB 460 100	blue	460	100	100 - 250	550	110
EOC-20 MB 470 100	blue	470	100	125 - 300	660	110
EOC-20 UG 505 100	green	505	100	315 - 750	1650	110
EOC-20 UG 525 100	green	525	100	315 - 750	1650	110
EOC-20 HYG 100	green	572	100	125 - 325	710	110
EOC-20 HY 100	yellow	590	100	400 - 750	1650	110
EOC-20 SUD 100	orange	605	100	400 - 900	1980	110
EOC-20 HD 100	orange	615	100	400 - 900	1980	110
EOC-20 HSD 100	red	625	100	400 - 750	1650	110
EOC-20 HR 100	red	632	100	200 - 425	930	110
EOC-20 UW 200	white	0.32 / 0.33	200	600 - 1200	2640	110
EOC-20 MW 200	white	0.32 / 0.33	200	1200 - 2500	5500	110
EOC-20 MB 460 200	blue	460	200	200 - 500	1100	110
EOC-20 MB 470 200	blue	470	200	250 - 600	1320	110
EOC-20 UG 505 200	green	505	200	630 - 1500	3300	110
EOC-20 UG 525 200	green	525	200	630 - 1500	3300	110
EOC-20 HYG 200	green	572	200	250 - 650	1430	110
EOC-20 HY 200	yellow	590	200	800 - 1500	3300	110
EOC-20 SUD 200	orange	605	200	800 - 1500	3300	110
EOC-20 HD 200	orange	615	200	800 - 1500	3300	110
EOC-20 HSD 200	red	625	200	800 - 1500	3300	110